

HCLSoftware

HCL Universal Orchestrator 2.1
Portal Order processing Demo Pack

Scenario 3

The Operator's perspective

Workload Automation Technical advisor's team

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1. Scene 1: Cover

Welcome to HCL Universal Orchestrator.

Your mission, as an Operator, is to Stay in control with custom dashboards and KPIs. You will also be introduced to the new policy-driven plan, which allows a scheduler to change the Workflow execution time which reflects instantaneously on the plan.

Steps:

1. Once your solution is deployed, access to the solution console using the credentials from Active Sandboxes pages as listed on Scenario 1.
2. If you followed scenario 1 you should have **/RETAIL/ORDER_PROCESS** Workflow submitted on the plan. You can view the Workflow / Tasks under Monitoring > Orchestration Monitor

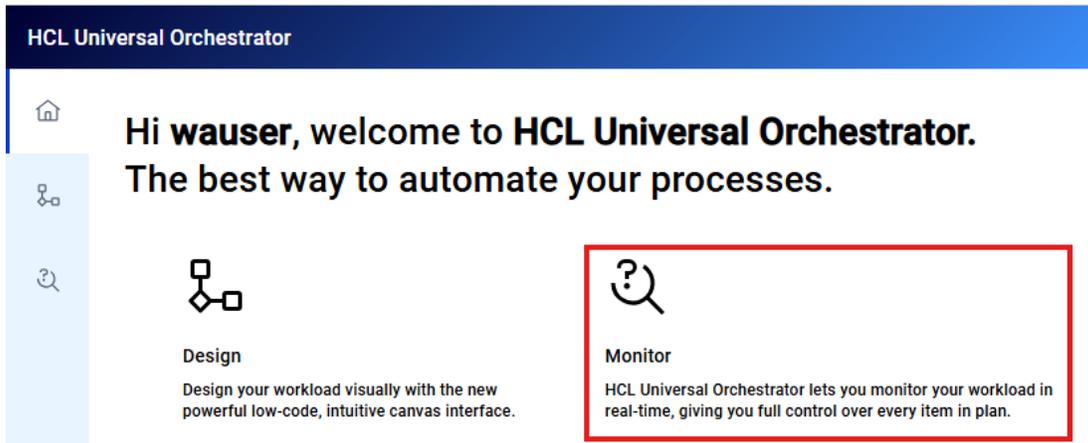


Figure 1 Selecting Orchestration Monitor view

3. **ORDER_PROCESS** Workflow created on scenario 1 has 6 or 7 instances on the plan.

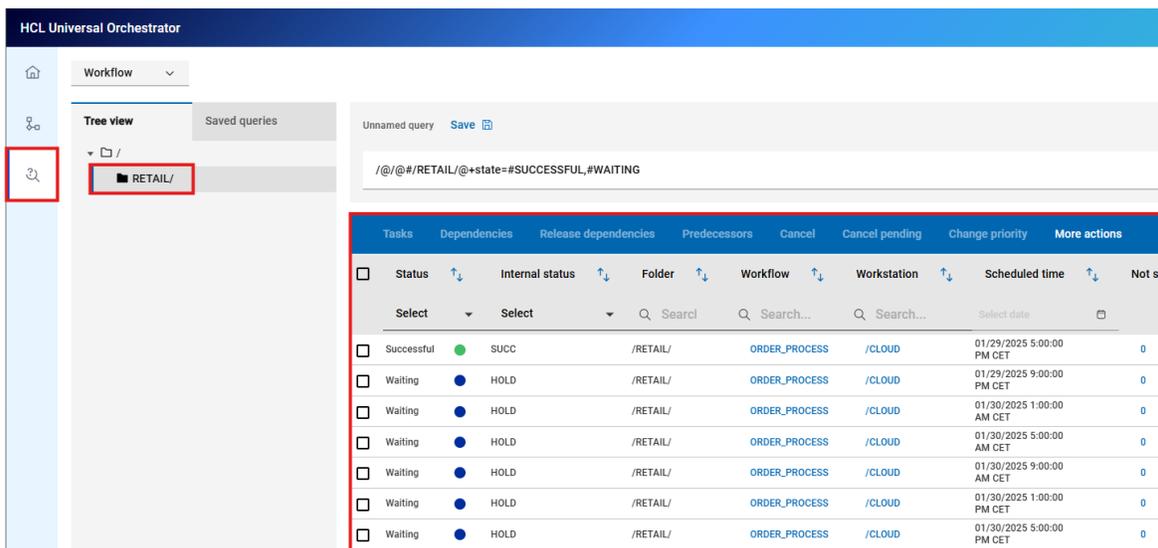


Figure 2 **ORDER_PROCESS** - successful and waiting Workflow instances

2. Understand the policy-driven plan

The new plan is designed to run autonomously with minimal user interaction while still guaranteeing full user control over the whole workload.

On example bellow we have the ORDER_PROCESS Workflow with a 4 hour frequency. Which is why we are seen 6 instances on the plan (or 7 – if one instance is executed already).

Click on “Triggers” inside the Workflow ORDER_PROCESS to open RC1 (run cycle):

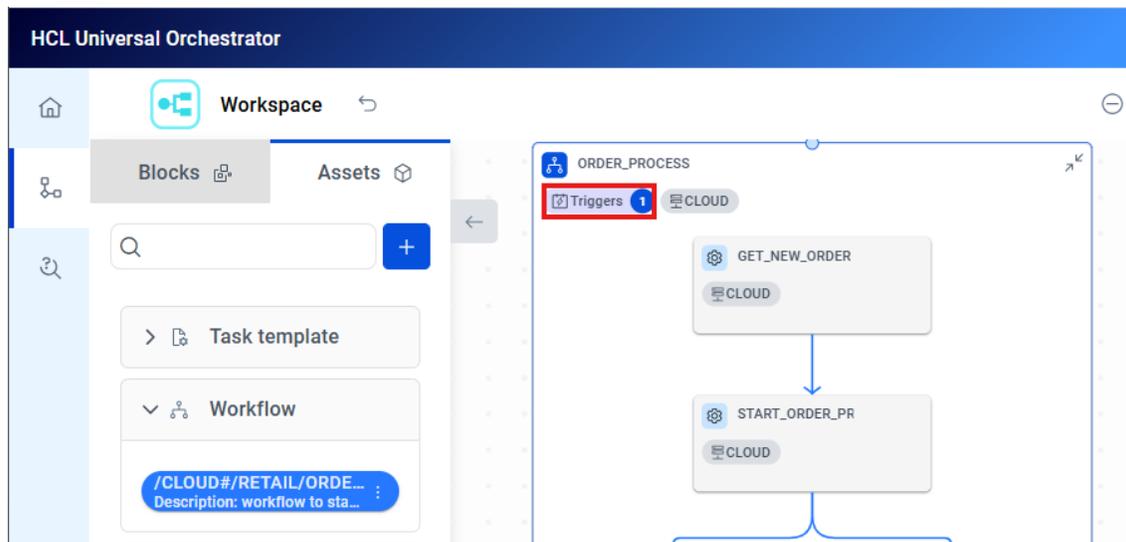


Figure 3 ORDER_PROCESS – select “Triggers”

Click on “Edit” on the right side:

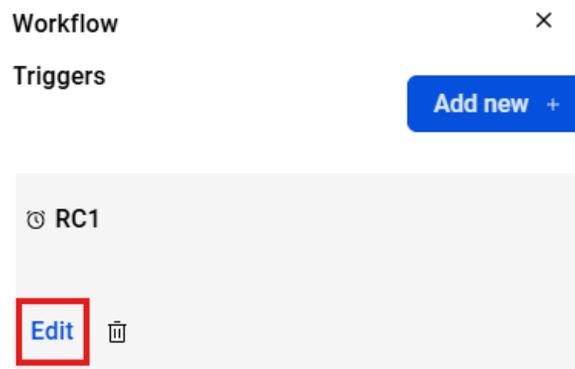


Figure 4 Workflow Triggers - “Edit”

You see now the detailed properties of RC1. Scroll down until “Expression”. Let’s go ahead and change the INTERVAL from 4 to 2. Finally click on “Deploy” and confirm Deploy on next page. (On following page you are asked: “Do you want to delete the workspace?”→ Click “No”)

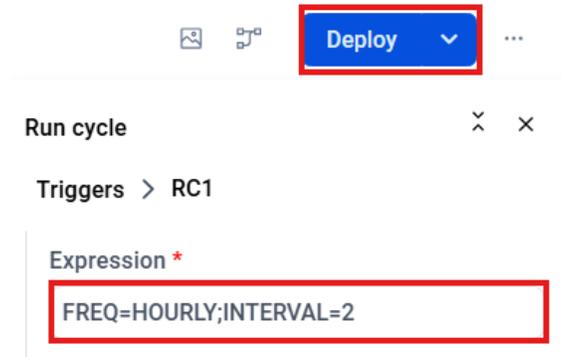


Figure 5 Changing INTERVAL to “2”

Go back to the “Monitor” View and notice now we instantaneously have 12 instances on the plan with status “Hold”. This is thanks to the new UnO architecture and it’s adaptative plan. This re-evaluation process automatically runs every time a new Workflow instance is activated or when a new Task is submitted.

Tasks	Dependencies	Release dependencies	Predecessors	Cancel	Cancel pending	Change priority	Change limit	Properties	More actions
<input type="checkbox"/>	Status ↑↓	Internal status ↑↓	Folder ↑↓	Workflow ↑↓	Workstation ↑↓	Scheduled time ↑↓	Not satisfied dependencies	Total	
<input type="checkbox"/>	Select	Select	Q Search	Q Search...	Q Search...	Select date			
<input type="checkbox"/>	Successful	● SUCC	/RETAIL/	ORDER_PROCESS	/CLOUD	01/30/2025 9:00:00 AM CET	0	7	
<input type="checkbox"/>	Waiting	● HOLD	/RETAIL/	ORDER_PROCESS	/CLOUD	01/30/2025 11:00:00 AM CET	0	7	
<input type="checkbox"/>	Waiting	● HOLD	/RETAIL/	ORDER_PROCESS	/CLOUD	01/30/2025 1:00:00 PM CET	0	7	
<input type="checkbox"/>	Waiting	● HOLD	/RETAIL/	ORDER_PROCESS	/CLOUD	01/30/2025 3:00:00 PM CET	0	7	
<input type="checkbox"/>	Waiting	● HOLD	/RETAIL/	ORDER_PROCESS	/CLOUD	01/30/2025 5:00:00 PM CET	0	7	
<input type="checkbox"/>	Waiting	● HOLD	/RETAIL/	ORDER_PROCESS	/CLOUD	01/30/2025 7:00:00 PM CET	0	7	
<input type="checkbox"/>	Waiting	● HOLD	/RETAIL/	ORDER_PROCESS	/CLOUD	01/30/2025 9:00:00 PM CET	0	7	
<input type="checkbox"/>	Waiting	● HOLD	/RETAIL/	ORDER_PROCESS	/CLOUD	01/30/2025 11:00:00 PM CET	0	7	
<input type="checkbox"/>	Waiting	● HOLD	/RETAIL/	ORDER_PROCESS	/CLOUD	01/31/2025 1:00:00 AM CET	0	7	
<input type="checkbox"/>	Waiting	● HOLD	/RETAIL/	ORDER_PROCESS	/CLOUD	01/31/2025 3:00:00 AM CET	0	7	
<input type="checkbox"/>	Waiting	● HOLD	/RETAIL/	ORDER_PROCESS	/CLOUD	01/31/2025 5:00:00 AM CET	0	7	
<input type="checkbox"/>	Waiting	● HOLD	/RETAIL/	ORDER_PROCESS	/CLOUD	01/31/2025 7:00:00 AM CET	0	7	
<input type="checkbox"/>	Waiting	● HOLD	/RETAIL/	ORDER_PROCESS	/CLOUD	01/31/2025 9:00:00 AM CET	0	7	

Figure 6 ORDER_PROCESS Workflow instance planned every two hours